(c) and (d) CISF has not been withdrawn from Pench Area. As on date, 125 CISF personnel under one Assistant Commandant are deployed to check occurrence of coal theft, illegal coal transportation and illegal mining in Pench Area.

(e) Does not arise in view of reply given above.

Collapsing of various coal mines

1404. SHRI M.V. MYSURA REDDY: Will the PRIME MINISTER be pleased to state:

(a) the number of persons (workers) who died due to collapsing of various coal mines in the country during the last three years, coal mine-wise, year-wise and State-wise;

(b) the details of reasons for such mishappenings;

(c) whether it is a fact that adequate compensation was not paid to the families of the victims;

(d) if so, the details thereof and the reasons therefor; and

(e) the steps being taken by Government thereon?

THE MINISTER OF STATE IN THE MINISTRY OF COAL (DR. DASARI NARAYAN RAO): (a) and (b) The details of persons died due to collapsing (fall of roof and sides) of various coal mines in the country during the last three years, coal mine-wise, year-wise and State-wise alongwith reasons for such mishapenings are given in a Statement (*See* below).

(c) No, Sir. Compensation as per Workmen's Compensation Act, 1923 is paid to the families of the victims of mine accidents.

(d) Does not arise in view of reply given to part (c) above.

(e) To prevent recurrence of such mishappenings, in addition to complying with the statutory provisions related to safety in coal mines, the following broad steps have been taken:

1. Coal companies have established a structured multi-disciplinary Internal Safety Organization (ISO) to assist the line management at various levels in matters related to Safety.

2. Coal companies have introduced Risk Assessment based Safety Management Plan for its mines to mitigate potential dangers.

3. Safety Audit is being conducted regularly for all mines. Recently two stage Safety Audit system has been introduced, in which in the first stage the deficiencies, if any, in the Safety System are detected and remedial measures suggested and in the second stage compliance of the suggested measures in checked through the Audit.

4. For reduction of Roof & Side fall accidents: Coal companies give priority for ensuring proper roof support management through:

   Adoption of systematic Support Plan based on Roack-mass-rating (RMR) of over-lying roof strata.

- Greater use of Roof Bolting Stitching methods of roof support.
- Introduction of mechanized drilling by roof bolting machines.
- Emphasis on development of indicators for impending load on roof.

Statement

State-wise and year-wise details of fatal accidents due to collapsing (fall of roof and sides) in Coal Mines during last three years

Year	State	Name of Mine	Date of Accident	No. of perons killed	injured	Brief Cause
1	2	3	4	5	6	7
2005	Andhra Pradesh	Motilal Khani No. 4	15.3.05	1	0	Fall of overhangs
		Chennur I and IA	16.3.05	1	0	Fall of roof
	Gujarat	Mata-no-madh	13.10.05	1	0	Fall of sides (other than Overhangs
	Madhya Pradesh	Mohan	12.2.05	1	0	Fall of sides (other than Overhangs)
		Malga Colliery	15.6.05	2	0	Fall of roof
		Vishnupuri U/G Mine No. 1	9.8.05	1	1	Fall of roof
		Jamuna 9 & 10 Incline	31.8.05	1	0	Fall of roof
		Kurja UG Project	30.10.05	1	2	Fall of roof
		Bartara	11.11.05	1	0	Fall of roof
	Orissa	Hingir Rampur	28.4.05	1	0	Fall of roof
		Orient No. 4	7.12.05	1	0	Fall of roof
	West Bengal	Chinakuri No. 3	2.1.05	1	1	Fall of roof
		Begunia Project	8.2.05	1	0	Fall of roof
		Naba Kajora	26.2.05	1	0	Fall of sides (Other than Overhangs)
		Belbaid	14.11.05	1	0	Fall of sides (Other than overhangs)
		Sangramgarh	19.11.05	1	0	Fall of sides (Other than overhangs)
2006	Andhra Pradesh	Jawahar Khani OCP	16.2.05	1	0	Fall of sides (other than overhangs)
		Godavari Khani 2A	26.5.06	1	0	Fall of sides (other than overhangs)
		Kalyan Khani No. 1	3.6.06	1	1	Fall of roof
		Godarvar Khani No. 9	11.9.06	1	1	Fall of roof (other than overhangs)
		Ravindra Khani No. 1A	8.11.06	1	0	Fall of roof
		Venkatesh Khani No. 7	12.11.06	4	2	Fall of roof
		Godavari Khani No. 2	13.11.06	1	1	Fall of Overhangs
	Madhya Pradesh	Jamuna 1 & 2 UG Mine	11.2.06	1	3	Fall of roof
		Dhanpuri Opencast	27.4.06	1	0	Premature collapse of workings/pillars

1	2	3	4	5	6	7
		Ganapati	13.7.06	1	2	Fall of roof
	Orissa	Orient No. 3	23.6.06	1	0	Fall of roof
	West Bengal	Nakrakonda	30.6.06	1	0	Fall of roof
		Chora 10 Pit	31.8.06	1	1	Fall of roof
		Shyamsunderpur	30.11.06	6	0	Fall of roof
2007	Andhra Pradesh	Ravindra Khani IA	14.2.07	1	0	Fall of roof
		Motilal Khani No. 4	10.7.07	1	0	Fall of sides (Other than overhangs)
	Madhya Pradesh	Pali	6.2.07	1	0	Fall of roof
		Tawa	5.3.07	1	0	Fall of roof
		Navgaon UG Mine	31.3.07	1	1	Fall of roof
		Nowrozabad West	30.7.07	1	0	Fall of roof
		Tawa	6.10.07	1	0	Fall of roof
		Nandan No. 1	24.11.07	1	0	Fall of roof
	Maharashtra	Manna Incline	4.5.07	1	0	Fall of roof
	West Bengal	Sodepur	8.8.07	1	2	Fall of roof
		Kumardihi "A"	16.9.07	1	0	Fall of roof
		Parbelia	21.12.07	1	1	Fall of sides (Other than Overhangs)
2008			Nil			

NOTE: Figures for the year 2006, 2007 and 2008 are provisional.
Figures for the year 2008 are upto 31.1.2008.

Allocation of coal to Gujarat

1405. SHRI SURENDRA MOTILAL PATEL:
SHRI JAYANTILAL BAROT:

Will the PRIME MINISTER be pleased to state:

(a) whether coal has been allocated to Gujarat only from the eastern coal belt;

(b) if so, the reasons therefore;

(c) the criteria for allocation of coal from the Western Collieries Ltd.; and

(d) the steps taken by Government to allocate coal to Gujarat from Western Collieries Ltd.?

THE MINISTER OF STATE IN THE MINISTRY OF COAL (DR. DASARI NARAYAN RAO): (a) and (b) No, Sir. The Power Stations located in Gujarat are supplied coal from the coalfields of South Eastern Coalfields Limited (SECL) located in the State of Chhattisgarh and also from Western Coalfields Limited (WCL) located in the State of Maharashtra.

(c) and (d) The Standing Linkage Committee (Short-term), an inter-ministerial Committee comprising of representatives of Central Electricity Authority, Ministry of Power, Ministry of Railways and representatives of coal companies allocate coal from coal producing companies including Western Coalfields Limited to various power utilities, keeping in view, *inter-alia* their proximity from the coalfields, coal availability, grades of coal as per the Ministry of Environment and Forest (MoEF) norms and transport logistic involved. Further, CIL has reported that the major coal reserves of Coal India Limited (CIL) are concentrated in Karanpura, Ib, Raigarh, Korba and Talcher fields and there is no substantial growth prospect